

# TP R BNC A

TP - Twisted Pair Receiver for RGBHV and Audio



## FEATURES

- Input: One female RJ-45 connector
- Outputs: Female BNC connectors; audio on female RCA connectors and captive screw connector
- Receives signals from a TP T Series transmitter
- Supports RGBHV, RGBS, RGsB, component video, S-video, and composite video
- Receives signals 1,000 feet (300 meters) or more over Category 5, 5e, or 6 UTP cable
- Two stereo audio outputs, balanced/unbalanced
- Automatic and manual level and peaking adjustments
- Rack, through-desk, under-desk, and projector-mountable
- External universal power supply included, part # 70-057-01 — Provides worldwide power compatibility.

## DESCRIPTION

The Extron **TP R BNC A** computer video receiver accepts long distance transmissions of analog computer-video with PC audio on any CAT 5, 5e, or 6 twisted pair cable or Extron Enhanced Skew-Free™ AV UTP cable.

The TP R BNC A is compatible with nearly every computer and video signal type, including VGA-UXGA, composite video, component video, and S-video. Special image enhancement features, such as automatic and manual level and peaking adjustments, give the TP R BNC A the ability to improve the brightness and sharpness of the computer-video image.

Connectors .....	5 BNC female
Nominal level .....	1 Vp-p for Y of component video and S-video, and for composite video 0.7 Vp-p for RGB and for R-Y and B-Y of component video 0.3 Vp-p for C of S-video
Minimum / Maximum levels .....	0.3 V to 1.45 Vp-p
Impedance .....	75 ohms

### AUDIO

Number / Signal type .....	1 set of analog proprietary signals
Connectors .....	1 shielded RJ-45 female
Frequency response .....	20 Hz to 20 kHz, $\geq \pm 0.05$ dB
THD + Noise .....	0.03% @ 1 kHz, 0.3% @ 20 kHz at maximum output (unweighted)
S/N .....	>63 dB at nominal level
Crosstalk .....	<-80 dB @ 1 kHz, fully loaded
Stereo channel separation .....	>80 dB @ 1 kHz
CMRR .....	>33 dB @ 20 Hz to 20 kHz

**AUDIO INPUT** REFER TO THE TP TRANSMITTERS FAMILY MANUAL, PART #68-546-02

### AUDIO OUTPUT

Number / Signal type .....	1 stereo audio balanced/unbalanced, and 1 stereo audio unbalanced
Connectors .....	2 female RCA (left/right) per input (1) 3.5 mm, 5-pole captive screw connector per input
Impedance .....	50 ohms unbalanced, 100 ohms balanced
Maximum level (600 ohm) .....	>+11.5 dBm, balanced at 1%THD+N

### GENERAL

External power supply .....	100 VAC to 240 VAC, 50/60 Hz, external, to 15 VDC, 0.8 A, regulated
Power input requirements .....	15 VDC, 0.3 A (minimum)
Rack mount .....	Yes, with optional 1U rack shelf, part #60-190-01.
Enclosure type .....	Metal
Enclosure dimensions .....	1.3" H x 8.75" W x 7.0" D (<1U high, half rack wide) 3.3 cm H x 22.2 cm W x 17.8 cm D (Depth excludes connectors.)
Product / Shipping weight .....	1.6 lbs (0.7 kg) / 4 lbs (2 kg)

## SPECIFICATIONS

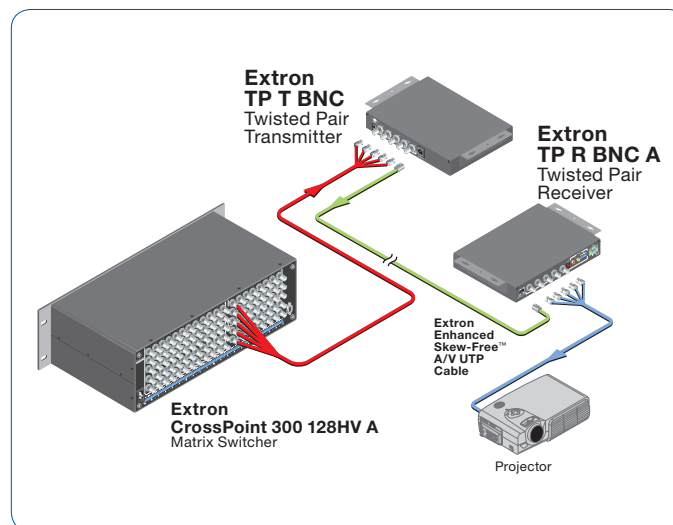
### VIDEO

Number / Signal type .....	1 set of proprietary analog signals
Connectors .....	1 shielded RJ-45 female

**VIDEO INPUT** REFER TO THE TP TRANSMITTERS FAMILY MANUAL, PART #68-546-02

### VIDEO OUTPUT

Number / Signal type .....	1 analog RGBHV, RGBS, RGsB, component video, or S-video; or 1 S-video and 1 NTSC/PAL/SECAM composite video from a single source; or 3 NTSC/PAL composite video from a single source
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## MODEL

MODEL	VERSION DESCRIPTION	PART #
TP R BNC A	RGBHV & Audio Receiver - BNCs .....	60-351-02

## COMPATIBLE TRANSMITTERS

MODEL DESCRIPTION	PAGE	PART #
TP T 15HD A	TP - Twisted Pair Transmitter for RGBHV and Audio .....	60-345-02
TP T 15HD AV	TP - Twisted Pair Transmitter for RGBHV, Composite Video, and Audio .....	60-346-03
TP T 15HD 45	TP - Twisted Pair Transmitter for RGBHV - 45 mm Mount Version .....	60-654-01
TP T A 45	TP - Twisted Pair Transmitter for Stereo Audio - 45 mm Mount Version .....	70-368-01

## INCLUDED ACCESSORIES

MODEL DESCRIPTION	PAGE	PART #
EPS 1508 B	Extron Desktop Power Supply - 15VDC, 800mA, wire .....	70-057-01